AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. Contract ID Code	Page	Of
Firm-Fixed-Price	1	23

2. Amendment/Modification No.	3. Effective Date	4. Requisition/Purchase Req No.	5. Project No. (If applicable)
P00027	2007JUL12	SEE SCHEDULE	

6. Issued By Code W56HZV

U.S. ARMY TACOM LCMC
AMSTA-AQ-AHPD
GARY DYCIO (586)574-7222
WARREN, MICHIGAN 48397-5000
HTTP://CONTRACTING.TACOM.ARMY.MIL
WEAPON SYSTEM: WPN SYS: JE
EMAIL: GARY.DYCIO@US.ARMY.MIL

7. Administered By (If other than Item 6) Code S0302A

DCMA PHOENIX
TWO RENAISSANCE SQUARE
40 N. CENTRAL AVENUE, SUITE 400
PHOENIX, AZ 85004-4424

SCD A **PAS** NONE **ADP PT** HQ0339

8. Name And Address Of Contractor (No., Street, City, County, State and Zip Code)

HONEYWELL INTERNATIONAL INC.
ENGINES, SYSTEMS & SERVICES
111 SOUTH 34TH STREET
PHOENIX, AZ 85034-2802

TYPE BUSINESS: Large Business Performing in U.S.

Code 99193 **Facility Code**

☐ **9A. Amendment Of Solicitation No.**

9B. Dated (See Item 11)

☒ **10A. Modification Of Contract/Order No.**
W56HZV-06-C-0173

10B. Dated (See Item 13)
2005DEC16

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ **The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers**
☐ **is extended,** ☐ **is not extended.**

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended by one of the following methods: (a) By completing items 8 and 15, and returning _____ copies of the amendments: (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. Accounting And Appropriation Data (If required)
ACRN: AB NET INCREASE: $.00

13. THIS ITEM ONLY APPLIES TO MODIFICATIONS OF CONTRACTS/ORDERS

KIND MOD CODE: G

It Modifies The Contract/Order No. As Described In Item 14.

☐ **A. This Change Order is Issued Pursuant To: The Changes Set Forth In Item 14 Are Made In The Contract/Order No. In Item 10A.**

☐ **B. The Above Numbered Contract/Order Is Modified To Reflect The Administrative Changes (such as changes in paying office, appropriation data, etc.) Set Forth In Item 14, Pursuant To The Authority of FAR 43.103(b).**

☒ **C. This Supplemental Agreement Is Entered Into Pursuant To Authority Of:** Mutual Agreement of the Parties

☐ **D. Other (Specify type of modification and authority)**

E. IMPORTANT: Contractor ☐ **is not,** ☒ **is required to sign this document and return _____ copies to the Issuing Office.**

14. Description Of Amendment/Modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

SEE SECOND PAGE FOR DESCRIPTION

Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. Name And Title Of Signer (Type or print)		16A. Name And Title Of Contracting Officer (Type or print)	
		FREDRICK T. SEEBURGER FREDERICK.SEEBURGER@US.ARMY.MIL (586)574-8096	
15B. Contractor/Offeror	**15C. Date Signed**	**16B. United States Of America**	**16C. Date Signed**
_____ **(Signature of person authorized to sign)**		**By** /SIGNED/ **(Signature of Contracting Officer)**	2007JUL12

SECTION A - SUPPLEMENTAL INFORMATION

1. The purpose of this Modification, P000027, is to replace Engineering Work Directive (EWD) CL017-014, dated 28 Sep 2006, with the following:

EWD NUMBER: EWD-CL017-014

REVISION: A

DATE: 20 Jun 2007

SUBJECT: Temporary Materials Management Services for TIGER Program
Hardware Movement and Storage

Revision A to EWD-CL017-014 extends the Period of Performance to 31 Dec 2007 and increases the storage space and the price of the EWD as noted.

2. In order to implement this action:

a. CLIN 0017AA is hereby reduced by $155,352.00, from $8,623,137.39 to $8,467,785.39, as shown on Pages 3 and 4 of this modification;

b. CLIN 0017AM is hereby revised, as shown on Page 5 of this modification, as follows:

1.) EWD-CL017-014A is now referenced in lieu of EWD-CL017-014;

2.) Total value is hereby increased by $155,352.00, from $112,510.00 to $267,862.00; and

3.) Performance completion date is hereby extended from 30 Jun 2007 to 31 Dec 2007;

c. Updated Section C Scope of Work (SOW), found on pages 6 through 22 of this modification, is hereby incorporated into the contract and replaces the former Section C Scope of Work in its entirety. The only changes to the SOW are found in sub-paragraph C.6.9.1., which have been underlined for emphasis.

3. Total contract value is neither increased nor decreased as a result of the above changes.

4. Except as provided herein, all other terms and conditions remain unchanged and in full force and effect.

*** END OF NARRATIVE A0029 ***

Name of Offeror or Contractor: HONEYWELL INTERNATIONAL INC.

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
	SECTION B - SUPPLIES OR SERVICES AND PRICES/COSTS				
0017	SECURITY CLASS: Unclassified				
0017AA	PROGRAM YEAR 1 (PY1) NOUN: TIGER STS PRON: 476PTM0247 PRON AMD: 03 ACRN: AB AMS CD: 31206406012 OPTION QUANTITY, PURSUANT TO SECTION H CLAUSE ENTITLED OPTION FOR INCREASED QUANTITY--- SEPARATELY PRICED LINE ITEM (End of narrative B001) Work Directives will be issued based on need. This is a cost plus fixed fee CLIN (End of narrative B002) EWD-CL017-00 TIGER System Integration Hours: Estimated @ 200,000 SOW: C.11.5 CDRL NO: A021 DID: N/A This is a cost plus fixed-fee CLIN. (End of narrative B003) Inspection and Acceptance INSPECTION: Origin ACCEPTANCE: Origin Deliveries or Performance DLVR SCH REL CD: 001 — QUANTITY: 1 — PERF COMPL DATE: 31-DEC-2007	1	LO		$ 8,467,785.39

Name of Offeror or Contractor: HONEYWELL INTERNATIONAL INC.

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
	$ 8,467,785.39				

Name of Offeror or Contractor: HONEYWELL INTERNATIONAL INC.

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0017AM	PROGRAM YEAR 1 (PY1) NOUN: TIGER STS PRON: 476PTM0247 PRON AMD: 03 ACRN: AB AMS CD: 31206406012 EWD-CL017-014A Temporary Materials Management Services for TIGER Program Hardware Movement and Storage Hours: N/A SOW: As Stated in EWD CDRL NO: A013 DID: N/A This is a cost plus fixed-fee CLIN. (End of narrative B001)		LO		$ 267,862.00
	Contractor shall furnish all the supplies and services to accomplish the task specified in the Work Directive. (End of narrative B002)			Est Cost: Cost of Money: Fixed Fee: Total Cost:	$243,412.00 109.00 24,341.00 $267,862.00
	Inspection and Acceptance INSPECTION: Origin ACCEPTANCE: Origin Deliveries or Performance DLVR SCH REL CD: 001 — QUANTITY: 0 — PERF COMPL DATE: 31-DEC-2007 $ 267,862.00				

SECTION C - DESCRIPTION/SPECIFICATIONS/WORK STATEMENT

Total InteGrated Engine Revitalization (TIGER) Program SOW

SECTION B CLIN STRUCTURE

TIGER PRODUCTION (Program Year - Transition)	
CLIN 0001 TIGER Production Engine Overhaul	Transition Year Contract
CLIN 0002 TIGER Accessory Gearbox (AGB)	Transition Year Contract
CLIN 0003 TIGER Reduction Gearbox (RGB)	Transition Year Contract
CLIN 0004 TIGER Electro Mechanical Fuel System (EMFS)	Transition Year Contract
CLIN 0005 FIELD Spare Support	Transition Year Contract
CLIN 0006 STS CLIN (750 hours)	Option
CLIN 0007 Contract Data Requirement List	All Years
CLIN 0008 Contractor Manpower Reporting (CMR)	Transition Year Contract
CLIN 0009 Incentive Fee	Transition Year Contract
CLIN 0010 eMOT Licensing Agreement	Transition Year Contract
TIGER PRODUCTION (Program Year 1)	
CLIN 0011 TIGER Production Engine Overhaul	Program Year 1
CLIN 0012 TIGER Accessory Gearbox	Program Year 1
CLIN 0013 TIGER Reduction Gearbox	Program Year 1
CLIN 0014 TIGER Oil Pump	Program Year 1
CLIN 0015 TIGER EMIFS	Program Year 1
CLIN 0016 FIELD Spare Support	Program Year 1
CLIN 0017 STS CLIN (5500 hours)	Option
CLIN 0018 Contractor Manpower Reporting (CMR)	Program Year 1
CLIN 0019 Incentive Fee	Program Year 1
CLIN 0020 eMOT Licensing Agreement	Program Year 1
TIGER PRODUCTION (Program Year 2)	
CLIN 0021 TIGER Production Engine Overhaul	Program Year 2
CLIN 0022 - TIGER Accessory Gearbox	Program Year 2
CLIN 0023 - TIGER Reduction Gearbox	Program Year 2
CLIN 0024 - TIGER Oil Pump	Program Year 2
CLIN 0025 - TIGER EMFS	Program Year 2
CLIN 0027 STS CLIN (5500 hours)	Option
CLIN 0028 TIGER Engine Durability Test	Program Year 2
CLIN 0029 - Contractor Manpower Reporting (CMR)	Program Year 2
CLIN 0030 - Incentive Fee	Program Year 2
CLIN 0031 eMOT Licensing Agreement	Program Year 2
TIGER PRODUCTION (Program Year 3)	
CLIN 0032 TIGER Production Engine Overhaul	Program Year 3
CLIN 0033 - TIGER Accessory Gearbox	Program Year 3
CLIN 0034 - TIGER Reduction Gearbox	Program Year 3
CLIN 0035 - TIGER Oil Pump	Program Year 3
CLIN 0036 - TIGER EMFS	Program Year 3
CLIN 0037 FIELD Spare Support	Program Year 3
CLIN 0038 STS CLIN (5500 hours)	Option
CLIN 0039 Contractor Manpower Reporting (CMR)	Program Year 3
CLIN 0040 - Incentive Fee	Program Year 3
CLIN 0041 eMOT Licensing Agreement	Program Year 3

SECTION C DESCRIPTION/SPECIFICATIONS/WORK STATEMENT

C.1. Total InteGrated Engine Revitalization (TIGER) Program

C.1.1. The Total InteGrated Engine Revitalization (TIGER) program is an integrated lifecycle management approach that will improve the readiness and reduce the lifecycle costs of the AGT1500 engine. This program will foster a long-term relationship between Program Manager Combat Systems (PM-CS) (Overall Program Lead, Configuration Management, Funding Durability Design Improvements), Tank-automotive & Armaments Command (TACOM), (Forecasting Oversight, Tactical Field Support), Anniston Army Depot (ANAD) (Depot Facilities, Workforce, Engine Return Support) and Honeywell International (Contractor Technical Support, Overhaul process improvements , Data Collection,

Engine Health Diagnostics & Prognostics, Demand, Supply Chain and Material Management, New Hardware and Field Service/Engine Return Support).

C.1.2. This performance based contract will be executed over four program periods (1 transition year with 3 program years described below). The Government will commence the metric evaluations and other pertinent information related to the TIGER program 90 days prior to the beginning of each program year in accordance with Section H. For the award of PY2 and PY3, the criteria is specified in Section H of this document. The Government will decide whether to extend the program for continued Contractor support, and the extent of any adjustment to the Contractors fee in accordance with the award term/incentive fee provision in Section H. The Contractor shall provide a contract exit plan that will outline all activities required to support engine production and field support to transition back to the Government within 180 days after contract award. The contractor will follow this plan in the event that PY2 or PY3 are not awarded.

C.1.3. The following paragraphs describe the CLINS and how they relate to the performance work statement.

CLIN 0001 Support to TIGER Engine Overhaul For the transition year, the Contractor shall provide the Non-Government Furnished Material (Non-GFM) parts as specified in an approved 1000 hour MTBDR AGT 1500 Engine demand model (December 2005 through December 2006), and Non-Recurring Engineering (NRE) to support ANAD Overhaul production and engineering services (December 2005 through February 2006). Pricing for this CLIN will include everything in the SOW not specifically addressed in the PYT CLINs below.

CLIN 0002 Support to overhaul the TIGER Accessory Gearbox (AGB) NSN: 2835-01-197-8325 (excluding shipping container NSN 8145-01-113-1181) For the transition year, the Contractor shall provide the Non GFM parts as specified in an approved 1000 hour MTBDR AGT 1500 Engine demand model (December 2005 through December 2006) to support AGB overhauls.

CLIN 0003 Support to overhaul the TIGER Reduction Gearbox (RGB) NSN: 2835-01-178-7246 (excluding shipping container NSN 8145-01-112-6573) For the transition year, the Contractor shall provide the Non GFM parts as specified in an approved 1000 hour MTBDR AGT 1500 Engine demand model (December 2005 through December 2006) to support RGB overhauls.

CLIN 0004 Support to overhaul the TIGER EMFS NSN: 2910-01-339-0029 For the transition year, the Contractor shall provide the Non GFM parts as specified in an approved 1000 hour MTBDR AGT 1500 Engine demand model (December 2005 through December 2006) to support EMFS overhauls.

CLIN 0005 Field Spare Support This includes the Non GFM required hardware to support field requirements for TIGER engines and for the TIGER Repair Sites (December 2005 through December 2006) as described in paragraphs C.6.9 thru C.6.11.

CLIN 0006 System Technical Support (Cost Plus Fixed Fee) To provide an option for an additional 750 hours of technical support as described in paragraph C.11.

CLIN 0007 Contract Data Requirement Lists (not separately priced)

CLIN 0008 Contractor Manpower Reporting (CMR) Support for PYT as described in paragraph C.12.

CLIN 0009 Incentive Fee for PYT as described in Section H.

CLIN 0010 Electronic Manufacturing Operations & Tooling (eMOT) Licensing per paragraph C.7.2.1.

CLIN 0011 Support to TIGER Engine Overhaul (PY1) The Contractor will provide all of the parts, as specified in an approved 1400 hour MTBDR AGT 1500 Engine demand model for delivery from January 2007 through May 2007. In addition, the Contractor will order those parts as needed to support 1400 hour MTBDR production from June 2007 through May 2008, whose lead-times do not allow them to be ordered as part of the Program Year 2. Non-Recurring Engineering (NRE) support for ANAD Overhaul production and engineering services for 15 months (March 2006 thru May 2007) will also be included. Pricing for this CLIN will include everything in the SOW not specifically addressed in the PY1 CLINs below.

CLIN 0012 Support to overhaul the TIGER Accessory Gearbox (AGB) NSN: 2835-01-197-8325 (excluding shipping container NSN 8145-01-113-1181) The Contractor will provide all of the parts, as specified in an approved 1400 hour MTBDR AGT 1500 Engine demand model for delivery from January 2007 through May 2007 to support the AGB overhauls. In addition, the Contractor will order those parts as needed to support 1400 hour MTBDR production from June 2007 through May 2008, whose lead-times do not allow them to be ordered as part of the Program Year 2.

CLIN 0013 Support to overhaul the TIGER Reduction Gearbox (RGB) : NSN: 2835-01-178-7246 (excluding shipping container NSN 8145-01-112-6573) The Contractor will provide all of the parts, as specified in an approved 1400 hour MTBDR AGT 1500 Engine demand model for delivery from January 2007 through May 2007 to support the RGB overhauls. In addition, the Contractor will order those parts as needed to support 1400 hour MTBDR production from June 2007 through May 2008, whose lead-times do not allow them to be ordered as part of the Program Year 2.

CLIN 0014 Support to overhaul the TIGER OIL Pump NSN: 2990-01-074-3488 or 2990-01-500-5648 The Contractor will provide all of the

parts, as specified in an approved 1400 hour MTBDR AGT 1500 Engine demand model for delivery from January 2007 through May 2007 to support the oil pump overhauls. In addition, the Contractor will order those parts as needed to support 1400 hour MTBDR production from June 2007 through May 2008, whose lead-times do not allow them to be ordered as part of the Program Year 2.

CLIN 0015 Support to overhaul the TIGER EMFS NSN: 2910-01-339-0029 The Contractor will provide all of the parts, as specified in an approved 1400 hour MTBDR AGT 1500 Engine demand model for delivery from January 2007 through May 2007 to support the EMFS overhauls. In addition, the Contractor will order those parts as needed to support 1400 hour MTBDR production from June 2007 through May 2008, whose lead-times do not allow them to be ordered as part of the Program Year 2.

CLIN 0016 Field Spare Parts This includes all other required hardware to field requirements for TIGER engines January 2007 through May 2007 (PY1), as described in paragraphs C.6.9 C.6.11.

CLIN 0017 System Technical Support (STS) (Cost Plus) To provide 5,500 hours of technical support as described in paragraph C.11. (March 2006 through May 2007 (15 months))

CLIN 0018 Contractor Manpower Reporting (CMR) Support for PY1 (15 months) as described in C.12.

CLIN 0019 Incentive Fee for PY1, as described in Section H.

CLIN 0020 Electronic Manufacturing Operations & Tooling (eMOT) Licensing Agreement- To provide a license to utilize the eMOTs to support PY1 production per paragraph C.7.2.1.

CLIN 0021 Support to TIGER Engine Overhaul (PY2) The Contractor will provide all of the parts, as specified in an approved 1400 hour MTBDR AGT 1500 Engine demand model for delivery from June 2007 through May 2008. In addition, the Contractor will order those parts as needed to support 1400 hour MTBDR production from June 2008 through May 2009, whose lead-times do not allow them to be ordered as part of the Program Year 3. Non-Recurring Engineering (NRE) support for ANAD Overhaul production and engineering services for 12 months (June 2007 thru May 2008) will also be included. Pricing for this CLIN will include everything in the SOW not specifically addressed in the PY2 CLINs below.

CLIN 0022 Support to overhaul TIGER Accessory Gearbox (AGB) NSN: 2835-01-197-8325 (excluding shipping container NSN 8145-01-113-1181) The Contractor will provide all of the parts, as specified in an approved 1400 hour MTBDR AGT 1500 Engine demand model for delivery from June 2007 through May 2008. In addition, the Contractor will order those parts as needed to support 1400 hour MTBDR production from June 2008 through May 2009, whose lead-times do not allow them to be ordered as part of the Program Year 3.

CLIN 0023 Support to overhaul TIGER Reduction Gearbox (RGB) : 2835-01-178-7246 (excluding shipping container NSN 8145-01-112-6573) The Contractor will provide all of the parts, as specified in an approved 1400 hour MTBDR AGT 1500 Engine demand model for delivery from January 2007 through May 2008. In addition, the Contractor will order those parts as needed to support 1400 hour MTBDR production from June 2008 through May 2009, whose lead-times do not allow them to be ordered as part of the Program Year 3.

CLIN 0024 Support to overhaul TIGER OIL Pump NSN: 2990-01-074-3488 or 2990-01-500-5648 The Contractor will provide all of the parts, as specified in an approved 1400 hour MTBDR AGT 1500 Engine demand model for delivery from January 2007 through May 2008. In addition, the Contractor will order those parts as needed to support 1400 hour MTBDR production from June 2008 through May 2009, whose lead-times do not allow them to be ordered as part of the Program Year 3.

CLIN 0025 Support to overhaul TIGER EMFS NSN: 2910-01-339-0029 The Contractor will provide all of the parts, as specified in an approved 1400 hour MTBDR AGT 1500 Engine demand model for delivery from January 2007 through May 2008. In addition, the Contractor will order those parts as needed to support 1400 hour MTBDR production from June 2008 through May 2009, whose lead-times do not allow them to be ordered as part of the Program Year 3.

CLIN 0026 Field Spare Parts This includes all other required hardware to field requirements for TIGER engines June 2007 through May 2008 (PY2), as described in paragraphs C.6.9- C.6.11.

CLIN 0027 System Technical Support (Cost Plus) To provide 5,500 hours of technical support as described in paragraph C.11 (June 2007 through May 2008 (12 months)).

CLIN 0028 TIGER Engine Durability Testing To support and perform an analysis of testing results (June 07 through June 2009) per paragraph C.8.7.

CLIN 0029 Contractor Manpower Reporting (CMR) Support for PY 2 (June 2007 through May 2008 (12 months)

CLIN 0030 Incentive fee for PY2 (12 months) as described in Section H.

CLIN 0031 Electronic Manufacturing Operations & Tooling (eMOT) Licensing Agreement- To provide a license to utilize the eMOTs to support PY2 production per paragraph C.7.2.1.

CLIN 0032 Support to TIGER Engine Overhaul (PY3) The Contractor will provide all of the parts, as specified in an approved 1400 hour MTBDR AGT 1500 Engine demand model for delivery from June 2008 through May 2009. In addition, the Contractor will order those parts as needed to support 1400 hour MTBDR production from June 2009 through May 2010, whose lead-times do not allow them to be ordered as part of the sustainment follow-on contract. Non-Recurring Engineering (NRE) support for ANAD Overhaul production and engineering services for 12 months (June 2008 thru May 2009) will also be included.

CLIN 0033 Support to overhaul TIGER Accessory Gearbox (AGB) NSN: 2835-01-197-8325 (excluding shipping container NSN 8145-01-113-1181) The Contractor will provide all of the parts, as specified in an approved 1400 hour MTBDR AGT 1500 Engine demand model, for delivery from June 2008 through May 2009. In addition, the Contractor will order those parts as needed to support 1400 hour MTBDR production from June 2009 through May 2010, whose lead-times do not allow them to be ordered as part of the sustainment follow-on contract.

CLIN 0034 TIGER Reduction Gearbox (RGB) : 2835-01-178-7246 (excluding shipping container NSN 8145-01-112-6573) The Contractor will provide all of the parts, as specified in an approved 1400 hour MTBDR AGT 1500 Engine demand model for delivery from January 2008 through May 2009. In addition, the Contractor will order those parts as needed to support 1400 hour MTBDR production from June 2009 through May 2010, whose lead-times do not allow them to be ordered as part of the sustainment follow-on contract.

CLIN 0035 TIGER OIL Pump NSN: 2990-01-074-3488 or 2990-01-500-5648 The Contractor will provide all of the parts, as specified in an approved 1400 hour MTBDR AGT 1500 Engine demand model for delivery from January 2008 through May 2009. In addition, the Contractor will order those parts as needed to support 1400 hour MTBDR production from June 2009 through May 2010, whose lead-times do not allow them to be ordered as part of the sustainment follow-on contract.

CLIN 0036 TIGER EMFS NSN: 2910-01-339-0029 The Contractor will provide all of the parts, as specified in an approved 1400 hour MTBDR AGT 1500 Engine demand model for delivery from January 2008 through May 2009. In addition, the Contractor will order those parts as needed to support 1400 hour MTBDR production from June 2009 through May 2010, whose lead-times do not allow them to be ordered as part of the sustainment follow-on contract.

CLIN 0037 Field Spare Parts This includes all other required hardware to field requirements for TIGER engines and the TIGER field repair sites (June 2008 through May 2009 (PY3)) as described in paragraphs C.6.9 C.6.11.

CLIN 0038 System Technical Support (Cost Plus) To provide 5,500 hours of technical support as described in paragraph C.11. (June 2008 through May 2009 (12 months)).

CLIN 0039 Contractor Manpower Reporting (CMR) Support for PY3 (12 months) as described in paragraph C.12.

CLIN 0040 Incentive fee for PY3 (12 months) as described in Section H.

CLIN 0041 Electronic Manufacturing Operations & Tooling (eMOT) Licensing Agreement- To provide a license to utilize the eMOTs to support PY3 production per paragraph C.7.2.1.

C.2. PERFORMANCE WORK STATEMENT

C.2.1. The Contractor shall develop an integrated approach to provide the hardware, material parts and services to enable ANAD to deliver overhauled and repaired engines to a single performance standard to meet the engine production schedule, Attachment 002. All delivered engines shall meet the performance requirements of AlliedSignal/Honeywell Fabrication Specification 91547-E2180, Revision H, dated 13 August 1999, as determined by the conduct of the overhaul engine test defined in the Engine Test Procedure (ETP) 21500DECU, Revision J, dated 17 Dec 2004. The Government will provide the incoming unserviceable assets.

C.2.2. The Contractor shall exercise the requisite planning, direction and control over the TIGER program to successfully accomplish performance requirements for each of the following program elements:

a. TIGER Program Management and Integration
b. Integrated Supply Chain Management (Demand, Supply Chain, Material)
c. Overhaul Process Improvements at ANAD
d. Field Support
e. Data Collection and Fact Based Maintenance
f. Durability Design Improvements

C.2.3. The Contractor workforce co-located at Anniston Army Depot (ANAD) performing under this Contract, shall be under the supervision, direction and control of the Contractor. The workforce shall not be under the supervision, direction or control of a Federal officer; Military or civilian. He or she shall not be placed in command, supervision, administration or control over Department of the Army military or civilian personnel or of other Government Contractors.

C.3. PERFORMANCE INCENTIVE METRICS AND GOALS

C.3.1. Performance Incentive Metrics

C.3.1. The Contractors performance shall be measured by the following metrics in meeting its responsibility for the overall management and integration of the TIGER program requirements. The four metrics are Engine Availability, Durability, Cost and Small Business Participation. TIGER milestone reviews will be conducted annually to determine the incentive fee and award term as described in Section H.

C.3.1.2. Engine Availability

C.3.1.2.1. The Contractor shall ensure AGT1500 engine availability by providing the "right parts at the right place at the right time" to ANAD. The Contractor shall provide integrated supply chain management processes to provide all the engine hardware to the ANAD workstations on time to the production kit delivery schedule. The percentage of kits and spares delivered within customer demand shall achieve at least 95% by end of PY3.

C.3.1.3. Engine Durability

C.3.1.3.1. The Contractor shall increase the durability of the TIGER AGT1500 engines overhauled at ANAD by end of PY03 to achieve at least 1400 hours mean time between depot return (MTBDR). Achievement of the 1400 MTBDR requirement will be measured by:

C.3.1.3.1.1. Successful completion of one 361 hour lab test per the test procedure at Attachment Y, and.

C.3.1.3.1.2. Field data that supports an acceptable MTBDR value as noted in the durability section of the Incentive fee metric. The Field data collected for the total TIGER fleet of engines at Field Service Engineer (FSE) supported sites will be adjusted for depot returns for No Evidence of Failure Found (NEOF) (Reference definition of the TIGER fleet in paragraph H.1.1.)

C.3.1.3.1.3. A 1400 hour (4) vehicle test that will be conducted in accordance with the TIGER Engine Durability test plan, attachment 0001 (paragraph C.8.7).

C.3.1.4. Cost

C.3.1.4.1. The Contractor will provide a 1400 hour sustainment Bill Of Material (BOM), by the end of PY 3 that yields an average material cost to the Government of $229K (2005 CY$) or less for engines returning after initial TIGER 1400 hour MTBDR upgrade by end of PY3.

C.3.1.5. Small Business

C.3.1.5.1. The contractor shall utilize small businesses in the performance of the TIGER program. See Section H for additional incentives to increase small business participation under the TIGER program.

C.3.2. TIGER Team Goals:

C.3.2.1. The Contractor will work to achieve the goals described below which will be reviewed in an IPT environment with the Government and Contractor. The goals will be used to monitor the contractors TIGER program performance in the quarterly reviews.

C.3.2.2. TIGER Model Management Team Goals

C.3.2.2.1. The following goals will be used to monitor the Contractors overall management performance. The team shall direct the TIGER production teams to achieve:

a. On-time engine delivery (depot and field)
b. An affordable AGT1500 sustainment process
c. A 1400 hour engine MTBDR
d. Engine operational fleet data to support fact based maintenance
e. Enhanced Field Repair processes

C.3.2.3. TIGER Integrated Supply Chain Team (Demand, Supply Chain, and Material) Goals The following goals will be used to monitor the Contractors management of integrated supply chain performance excluding failures caused by GFM and outside of Contractors control:

C.3.2.3.1. On-time to demand=Percentage of kits and spares delivered within customer demand

	PY Trans	PY 1	PY2	PY3
Parts Fill Rate (on time to plan)	>90%	>93%	>94%	>95%

C.3.2.3.2.Single standard engine=Percentage of engines that deviated from a standard Bill of Material (BOM) due to parts shortages and substitutions. (Rob back, reuse vs. new or reclaimed)

	PY Trans	PY 1	PY 2	PY 3

Engines with Waivers	<15%	<10%	<5%	<1%

C.3.2.3.3. The contractor shall work towards increasing the Small Business Subcontracting program goals for the TIGER program. The contractor shall pursue a Mentor Prot\'e9g\'e9 Program in an effort to increase the Service-Disabled Veteran-owned and HUBZone businesses participation on the program. The contractor shall work with the Army Small Business Office to increase the SDVO and HUBZone potential candidates.

C.3.2.4. TIGER Overhaul Team Goals - The following goals will be used to monitor the Contractors performance in meeting Overhaul Process requirements.

C.3.2.4.1. Assist ANAD in the implementation of approved TIGER Lean/Six Sigma Projects.

C.3.2.4.2. Improve the current First Pass Yield (FPY) of engines subjected to the Acceptance Test Procedure (ATP) at ANADs engine test to 70% by the end of PY1 and 85% by the end of PY3.

C.3.2.4.2.1. (Starting in PY1) Increase the TIGER Production Acceptance as defined in H.1.2. TIGER Test Acceptance Rate Definition.

C.3.2.4.3. Achieve a work station standardization utilizing electronic work instructions (eMOTs) starting 30 DAC (phase-in process) to be completed 12 months after contract award.

C.3.2.4.4. Monitor and establish the baseline for the TIGER Acceptance Rate.

C.3.2.5. TIGER Field Support Goals - The following goals will be used to monitor the Contractors TIGER Field Support performance at the designated repair site locations with TIGER FSEs:

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C.3.2.5.1. Decrease the No Evidence of Failure (NEOF) return of engines to the depot from TIGER Field Repair Site Locations to less than 3% by end of PY1.

C.3.2.5.2. Reduce the 48 hour average repair Turn-Around Time (TAT) from the TIGER Field Repair Sites back to the user by the end of PY3.

C.3.2.6. T IGER Fact Based Maintenance Team Goals - The following goals will be used to monitor the Contractors Fact Based Maintenance performance.

C.3.2.6.1. Temporary database operational four (4) months after contract award. Web-based data collection system online four (4) months after contract award.

C.3.2.6.2. MTBDR Reporting Available six (6) months after contract award.

C.3.2.6.3. Long-term database accessible to authorized users via the Internet 20 months after contract award.

C.3.2.7. TIGER Durability Team Goals - The following goals will be used to monitor the Contractors Durability Team performance:

C.3.2.7.1. Establish a current MTBDR baseline

C.3.2.7.2. Support Durability Test of four (4) TIGER engines in vehicles to Operation Tempo (OPTEMPO)/Operation Mode (OPMODE) starting PY2

C.3.2.7.3. Establish TIGER MTBDR> 1400 hours by PY3 supported by Field data

C.3.2.7.4. Establish processes to identify, develop, validate and implement durability improvements

C.4. PROGRAM MANAGEMENT AND INTEGRATION

C.4.1. Reviews:

The Contractor shall support and/or conduct the necessary meetings and reviews required to effectively manage the contract efforts in an IPT environment with the Government. Such efforts include supporting (or conducting when appropriate) Contractor Customer Satisfaction Board (CSB) meetings as required, bi-monthly Program Management Status Reviews via teleconference, a monthly Supply, Inventory, Operating Plan (SIOP) meeting, and quarterly In-Process Reviews (IPRs). The Contractor shall host quarterly IPRs at ANAD or Phoenix. The Contractor will set up and coordinate meetings for Program Management Office (PMO). The Contractor shall prepare the minutes of each IPR, capturing all action items assigned during the meeting. The minutes shall be furnished to the Contracting Officers Representative (COR) within 15 days after the IPR in Contractors format in accordance with CDRL A001.

C.4.2. Integrated Master Plan (IMP):

C.4.2.1. The Contractor shall maintain and update the IMP, as developed under Honeywell Contract DAAE07-96-C-A002 , and brief any changes at the quarterly IPR. Updates will be downloaded documents into Governments TIGER website in accordance with CDRL A002.

C.4.2.2. The Contractor will conduct a monthly SIOP review with the Government on location (Phoenix or Anniston) or via teleconference. The goal for the SIOP review is to provide the TIGER teams the status of the integrated supply chain and to forecast requirements in support of the TIGER Production Schedule. The information to be reviewed shall consist at a minimum of the following.

Production Schedule: Requirements, gaps and recovery plans
Parts Demand: Depot and Field orders, Government Furnished Material (GFM) (new and reclaim),
Contractor material (new)
Transition Plan: GFM drawdown status, gap analysis
Bill of Material: Durability and Depot Overhaul Factor (DOF) changes
Inventory Metrics: Days of Supply (DOS) and Fill-Rate
Quality: Impact and corrective action of defects
ANAD capacity and capability status

C.4.2.3. Monthly attendance for the SIOP will consist of at least one member from TACOM, PM, ANAD and the Contractor. The Government shall identify Government representatives to attend the SIOP, with one representative being a mandatory participant. The Government may delegate their representation. The outcome of the SIOP will, at minimum, consist of notification of DOF changes, request for contract modifications and recommendations for durability improvements and updates to the demand forecast. Following each SIOP meeting, official minutes (including the new Production Schedule and Rolling Action Item List (RAIL)) will be produced and provided to all SIOP members in accordance with CDRL A003.

C.4.2.4. The IMP shall contain the exit plan including the processes in the event the Government does not award the next program period.

C.4.3. Integrated Master Schedule (IMS):

C.4.3.1. The Contractor shall maintain the Integrated Master Schedule (IMS) that defines the time phasing of Level 1 and 2 program tasks, events, milestones and their interdependencies. The IMS shall be used to assess program status and conduct schedule planning, critical path and risk assessments. The IMS shall be updated on a monthly basis to accurately reflect the established development plan and status in accordance with CDRL A004. Level 1 contract changes will be submitted to the Government for their approval.

C.5. CONFIGURATION CONTROL

C.5.1. Product Manager Combat Systems has configuration control of the AGT1500 Engine Technical Data Package (with the exception of proprietary data) for changes to the AlliedSignal/Honeywell Fabrication Specification 91547-E2180, Revision H, dated 13 August 1999, and Engine Test Procedure (ETP) 21500DECU, Revision J, dated 17 Dec 2004 (reference C.2.1 for document).

C.5.2. Configuration Management

C.5.2.1. The Contractor shall utilize their Customer Satisfaction Board Process (Contractor Procedure 12M-1) to make configuration control changes. The Government shall be a voting member and a part of the official quorum for the Contractors CSB, delegating their responsibility at their discretion. The Governments official recommendations will be included in the minutes of the CSB meeting so that this position is formally documented throughout the process in accordance with CDRL A005. Following each CSB meeting, official minutes will be produced and provided to all CSB members including the Government representative.

C.5.2.2 Projects approved during the CSB shall be documented and a formal request for Government approval of all Class 1 Engineering Change Proposals (ECPs) resulting after CSB3 will be made. All Class 1 ECPs that alter the engine Bill of Material must be cleared by the CSB3 gate exit review prior to submission to the Government. Approved implementation documentation will be obtained for CSB3. After approval of the CSB3 gate exit, any changes may be incorporated into the TIGER Block Upgrade. Gate 4 revisits the solution to ensure effective implementation. Class I and Class II ECPs will be provided to TACOM via their ACMS on-line system and a quarterly listing of changes to ACMS shall be provided to TACOM (may be satisfied by automatic distribution via ACMS).

C.5.3. Changes (Change Requests/Drawing Revision Notices (CR/DRNs), Waivers, Deviations) to the AGT1500 Technical Data Package (TDP)

C.5.3.1. The Government shall be notified of all changes made by the Contractor (electronic copy) utilizing the Contractors approved Configuration Management system. Any Deviations, Waivers or ECPs that affect Electric Magnetic Interface (EMI) or Nuclear Hardening capabilities will be processed as a Class I ECP. All Class II design changes will be submitted per the Contractors format in accordance CDRL A006.

C.5.4. AGT1500 Technical Data Package (TDP) Changes.

C.5.4.1. The Contractor shall update the TDP residing on TACOMs Automated Configuration Management System (ACMS) with all changes (including the Contractor sources), except for any proprietary information, utilized under the TIGER program. Information shall not be added to TDP that degrades the Governments ability to competitively procure parts in the future, without the Governments approval.

C.5.4.2. The Contractor shall update the TDP drawings, Quality Assurance Requirements and specifications, when changes are introduced into the TIGER program in accordance with CDRL A007.

C.5.4.3. The Contractor shall analyze all design changes to determine the impact on the logistic support functions/products. Logistic impacts shall be documented with the change on the logistics impact summary form or contractor format.

C.5.4.4. Any Class I ECPs to the AGT1500 engine BOM, major waivers or major deviations require Government approval prior to incorporation and/or implementation. The Government will receive a notification copy of all Class 2 ECPs prior to their incorporation. The Government will receive the released engineering change documentation of all Class 2 ECPs (Engineering Release Record (ERR) within 30 days of the internal CR/DRN release in accordance with CDRL A006.

C.5.4.5. Software changes approved by the CSB to the Digital Electronic Control Units (DECU) by the Contractor shall be compatible with all previous U.S. tank hardware and U.S. vehicle operating software configurations.

C.5.4.6. The Contractor shall maintain the Configuration Management Specification of the Government Technical Data Package (TDP), drawings, Quality Assurance Requirements (QARs) and specifications in accordance with CDRLs A009 thru A011. This will include a yearly reconciliation of the Government TDP/NMWR/-20 Manual for any changes made to the AGT1500 engine during the year

C.5.4.7. The Contractor shall process all changes to the TDP in accordance with the Contractors approved configuration management procedures. This information will be furnished in accordance with the requirements, quantities and schedules set forth in the Contract Data Requirements List (CDRL) A008, (DD Form 1423).

C.6. INTEGRATED SUPPLY CHAIN MANAGEMENT

C.6.1. The Contractor shall execute an integrated supply chain process that provides delivery of kits to the ANAD assembly floor on time to support the detailed ANAD production schedule. In addition, the Contractor shall support world wide tactical field demands, and provide all parts required to support the TIGER field sites. The Contractor will conduct an expanded SIOP, four (4) months before program renewal to determine go forward order policy for critical purchased parts.\~ Purchased parts will be identified by both the customer and Contractor based on factors such as Lead-Time, quality, delivery and agreed upon criteria.

C.6.2. The Integrated Supply Chain Management function comprises the following activities:

C.6.2.1. The forecasting of material requirements to assure that the optimal order quantities are placed within required lead-times.

C.6.2.2. Procurement and supply chain management to assure that quality parts are delivered on time to the ANAD warehouse.

C.6.2.3. Inventory control to assure total parts tracking and visibility from time of order placement through kit delivery.

C.6.2.4. Parts Kitting to assure that the correct part kits are available at the required time at each assembly station.

C.6.3. Demand management and material forecasting:

C.6.3.1. The Contractor shall forecast worldwide demand for AGT1500 part requirements based on the following data from the Government:

1. Engine/component production schedule, attachment 002
2. Field Usage data
3. Approved Demand Model Assumptions

C.6.3.2. The Contractor shall maintain a current list of piece parts and components on the AGT1500 engine including supplier part numbers, National Stock Numbers, DOF and Ordnance numbers, qualified sources of supply, contract price and projected lead-times. The Government will have unlimited rights to this information, except where the Contractor has marked the data with a limited data rights legend or Contractor Confidential or Proprietary legends. The list shall be kept current and the latest version shall be available electronically to the Government via a flat file, upon request, to the Government TIGER website in accordance with CDRL A012.

C.6.3.3. The Contractor will analyze trends, incorporate durability improvements, status demand requirements to adjust usage rates and incorporate the data into the Kit process sheets. Changes to usage rates will be reviewed with ANAD Repair Management, TACOM, and PM-CS at SIOP meetings and will include supporting justification prior to incorporation. The Contractor shall make adjustments to the usage rates within the Contractor provided BOM. If the aggregate change of the usage rates, within a six (6) month period, affecting the total cost of the Contractor provided BOM changes by 3% in either direction from the basis in the current program year agreement,

the Contractor will notify the PCO to negotiate an equitable adjustment.

C.6.3.4. The Contractor shall develop a plan for conducting a physical inventory of the TIGER Anniston Army Depot (ANAD) warehouse and the TIGER offsite warehouse NLT 6 weeks after the award of PY2. The objective of this inventory is to validate quantities of TIGER parts delivered to date against those quantities required in the PYT and PY1 Bill of Materials (BOMs). Contractor's plan shall be coordinated with ANAD and TACOM, and include an aggressive schedule to ensure the earliest possible completion date in 2007 while minimizing impact of TIGER services to ANAD.

C.6.3.5. The USG will conduct a provisioning conference with Honeywell and ANAD in 2QTR FY07. The intent of this conference will be to reconcile the TIGER demand with the GFM due-in, contractor due-in and quantities shown in Honeywell's Inventory Management System (IVMS) as well as resolve discrepancies in the TIGER engine single standard BOM. The contractor will advise the PCO if there is: (1) any excess inventory that can be applied against the PY2 requirements, (2) any inventory shortages (gap), or (3) inventory not required per the latest USG approved TIGER engine single standard BOM (e.g. provisioning assembly vs detail, obsolete per ECP, DOF revisions). The USG and the contractor will negotiate actions to address any excess or shortages in support of TIGER requirements. Any obsolete inventory identified shall be coordinated with the USG for approved disposition (e.g. scrap, rework, redeploy from TIGER inventory, other).

C.6.4. Government Furnished Material:

C.6.4.1. The Contractor shall draw parts from the Governments inventory prior to procuring new parts. Although the Contractor is not responsible for the performance, quality or delivery of GFM under this contract, it shall provide technical/management support and recommend plans to assist the Government in mitigating any negative impact on engine delivery or durability. Such assistance shall include tracking of GFM stock against the Contractors plan for utilization of GFM, Contractor deliveries to ANAD and reporting test or field failures.

C.6.4.2. GFM determined to be non-conforming after receipt in TIGER Warehouse will be documented utilizing the Governments standard Product Quality Deficiency Reporting (PQDR) process. A copy of the rejection document will be forwarded to TACOM for disposition. The non-conforming material shall be delivered to the Contractors on-site Kitting facility for Government disposition or root cause corrective action (RCCA). Any non-conforming GFM hardware will be reworked or replaced at the Governments expense.

C.6.4.3. GFM inventory will be stocked at the individual part level in the TIGER warehouse. Existing GFM kits will also be broken down to the individual part level and stocked on a line item basis using the Contractors inventory management system for maintenance of inventory records.

C.6.5. Contractor supplied material and supply chain management:

C.6.5.1. The Contractor is responsible for Supply Chain Management of all Contractor supplied material. The Contractor shall provide all of the new component material required to support the repair and overhaul of the ANAD AGT1500 engine overhaul line after consumption of GFM. The Contractor will control and maintain the qualification of the suppliers, and the acceptance inspection of all parts, as well as the on time delivery of the Contractor supplied parts. Parts delivered to ANAD and accepted by the Government shall be failure free through the Acceptance Test of the engine or delivery to field. Any Contractor furnished part found to be defective after delivery to ANAD, shall be reworked or replaced by the Contractor at no additional cost; unless defective due to ANAD workmanship error.

C.6.5.2. Contractor supplied parts rejected at ANAD assembly will be returned to the TIGER Kitting facility for replacement. All nonconforming Contractor procured TIGER parts will be dispositioned utilizing the existing Contractor Material Review Board (MRB) process.

C.6.5.3. Test Support Hardware and Safety Stock: The Contractor shall provide all Contractor Furnished Material (CFM) necessary to complete satisfactory TIGER AGT1500 engine acceptance testing, control test hardware and 60 days of inventory.

C.6.6. Reclaimed Parts:

C.6.6.1. The Contractor will develop a mutually agreed-upon process with ANAD and schedule for the delivery of the ANAD reclaimed condition Code A parts to the TIGER Kitting facility to ensure on-time delivery of the kits to the ANAD AGT1500 Engine Overhaul line. The Government will be solely responsible for performing the reclamation process, including moving, identifying and providing the status of the parts during this process and delivering the inspected Condition Code A reclaimed hardware to the warehouse.

C.6.7. Inventory Management:

C.6.7.1. The Contractor will provide inventory management services to include receiving, stocking, issuing, and maintaining inventory accuracy of all parts in the Kitting facility and warehouse. The Contractor shall utilize a Government approved Government Property Control system at ANAD for the TIGER Program.

C.6.7.2. The Contractor will provide an automated inventory management system for recording, and reporting on the Kitting facility. The Contractor will monitor trend data for all parts routed through the reclamation process. This includes fall-out information and

inventory levels of work in process (WIP) to support the current engine production schedule. The Government will be responsible for physically tracking the status of these parts in the back shop areas, collecting data and moving them to the various areas as specified on the reclamation process routing.

C.6.7.3. The Contractor and its subcontractors are authorized to commingle material produced, purchased, or otherwise furnished by the Contractor under this Contract and other materials provided by the Government as GFM to this contract. For the purpose of this provision, the same part manufactured to different revision levels may be commingled, unless the parts are specifically designated as obsolete by TDP revision.

C.6.8. Parts Kitting and Warehousing

C.6.8.1. The Government will provide the Contractor space for the TIGER Kitting facility and TIGER Warehouse at ANAD.

C.6.8.2. The Contractor will flow all new and reclaimed (Condition Code A) material through the Inventory Management System (IvMS) utilized in the TIGER warehouse and delineate source of supply (TACOM vs. ANAD vs. Contractor). The materiel will be moved to the TIGER warehouse/kitting facility at Contractor's direction. The Contractor will provide a flat file of incoming material on a monthly basis from the IvMS which delineates between TACOM, ANAD or the Contractor as the source of supply. ANAD will be responsible for loading any new GFM inventory data into the Government inventory record utilizing the Contractor provided report. The Contractor will provide a monthly material delivery report summarizing the quantities of parts by NSN delivered to the ANAD workstations in accordance with CDRL A013. The report shall delineate the parts into the following categories:

C.6.8.2.1. Daily pick sheets by kit for programs supported (e.g. Engine, RGB, AGB, Oil Pump, and EMFS)

C.6.8.2.2. Monthly number of 1000 hour BOM engines and 1400 hour BOM engines supported

C.6.8.2.3. Source of Condition Code A material (e.g. GFM from ISA/ASRS, TACOM, DLA, Contractor and GFM reclaim)

C.6.9. TIGER Field Repair Sites Inventory:

C.6.9.1. The Contractor shall provide the new hardware required to support the TIGER Field Repair Sites. The Contractor shall control and replenish the repair parts inventory through an established process. The inventory may be co-located at the Field Repair Site or remotely located with easy access. The Government provided storage areas must be securable by the Contractor to prevent uncontrolled access to the TIGER repair parts inventory. The Contractor shall also be responsible for shipping new or reclaimed hardware to the TIGER Field Repair Site. During this TIGER transition time (setting up TIGER repair sites), the proposed TIGER repair parts inventory scheduled for Ft. Knox shall be used as a Floating Repair Kit. The Floating Repair Kit can be used at any proposed interim TIGER repair site as required.

C.6.10. Field Support Inventory:

C.6.10.1. The Contractor shall provide hardware in support of tactical field requisitions in accordance with the assumptions in the Field Assumptions from the Demand Model the US Government reviewed/approved on 1 August 2005. The Contractor shall monitor and maintain inventory field safety stock levels of hardware to support the Government requirements as viewed through the Government supply Internet portal. Field Safety Stock levels shall be managed during the monthly SIOP to maintain support of three (3) months Average Monthly Demand. This detail hardware shall be packaged in a unit pack quantity of one by the Contractor for shipment to the field in accordance with standard commercial packaging. Line Replaceable Units (LRUs) shall be packaged by ANAD in Government furnished containers. The Contractor shall deliver the packaged detail hardware to the DLA warehouse located at ANAD for final shipment.

C.6.11. Supply Chain Management, Packaging

C.6.11.1. The contractor shall develop a planned approach for the transition from Government to contractor management of packaging of field spares. The contractor will work with the Government to develop a plan to include the management of provisioning and procurement activities and documentation associated with acquisition, handling, distribution, recycling and disposal of all items required to conform to shipping requirements in accordance with the packaging data sheet. This plan will include a list of consumables, special supplies and related inventories and manpower requirements in accordance with CDRL A014. The Government will provide packaging and shipping of all parts to the field while the plan is being developed and approved.

C.7. OVERHAUL PROCESS IMPROVEMENTS AT ANAD

C.7.1. The Contractor shall assist ANAD in performing quality and continuous process improvements to the AGT1500 overhaul and repair process to ensure TIGER performance and operational objectives are met. The contractor shall brief the accomplishments of the program at the quarterly reviews. To accomplish the performance objectives the Contractor will provide the following minimum support:

C.7.1.1. Assist ANAD in developing Six Sigma initiatives. The Contractor will support the Lean Manufacturing initiatives already in place at ANAD as required to support the TIGER process improvements. Assistance will focus on optimizing process flow using visual

tools to reduce waste, Value Stream Analysis to eliminate non-value work and small batch sizes to reduce the yield impact or error. Develop process improvement recommendations to be utilized in the depot repair procedures, repair or replace decisions, parts integrity, commingling and mix-and-match criteria, assembly instructions and acceptance test procedures. These recommendations will include introducing non proprietary commercial repair processes and procedures for gas turbine propulsion engines, which are relevant to the AGT1500 engine at ANAD.

C.7.1.2. Assist ANAD in developing a comprehensive engine induction/disassembly and routing process including a pre-shop analysis (PSA) procedure.

C.7.1.3. Assist ANAD with a quarterly Control Test and subsequent analytical evaluation of one engine.

C.7.1.4. Evaluate the inspection and rework/repair criteria defined in NMWR 9-2835-255 for impact on durability. This will include developing a program to evaluate components, which have exceeded NMWR service/repair criteria for cost effective salvage potential. Potential salvage projects will be defined, developed, validated and qualified in the same manner as component improvements. New repair capabilities and parts repair procedures (PRP) will be developed and processed in accordance with the Contractors format. The Contractor will evaluate the current ANAD reclamation process and make recommendations to assure conformance with engineering standards in support of the 1000 hour and 1400 hour engine overhaul. The Contractor shall balance the cost and durability. The Contractor shall recommend parts that are suitable candidates for the reclamation process.

C.7.1.5. Provide suggested changes to the National Maintenance Work Requirements (NMWR), as changes occur, via a DD FORM 2028-2, in accordance with CDRL A022.

C.7.1.6. Assist ANAD in conducting a process review of work areas, test areas, fabrication areas, assembly and disassembly areas and final out to identify potential Lean projects and assist ANAD in project implementation. Develop procedures in-conjunction with ANAD for their back shop reclaim part processes utilizing commercial best practices to improve the processes and tracking of the parts.

C.7.2. Automated Point-of-Contact Work Stations

C.7.2.1.. The Contractor shall provide the specifications and proposed schedule for the Personal Computer (PC) workstations (with processors, monitors, and required peripherals) for the implementation and use of the electronic work instructions, herein referred to as Electronic Manufacturing Operations and Tooling (eMOT), provided for under separate license. ANAD will provide the PC infrastructure for the on-site eMOT system. The Contractor shall provide initial development, release and validation of the eMOTs. After the eMOT work instructions are developed, the Contractor shall provide training to ANAD for the proper operation of the system. The Contractor shall have final approval authority for changes to the eMOT system. The Contractor shall review Government requests for changes to the eMOT work instructions and shall make the required changes in the eMOT system. The Contractor shall provide software licenses and associated implementation Intellectual Property (IP) to ANAD along with maintenance support for contract duration, see Section J.

C.7.2.2. The Contractor shall be responsible for eMOT changes that do not impact inventory, scheduling, facilitization and/or ANAD labor. The Contractor on-site technical lead will coordinate issues with ANAD personnel and then implement changes as required.

C.7.3. Root Cause and Corrective Action (RCCA)

C.7.3.1.The Contractor will assist ANAD in establishing a RCCA program at ANAD. This will include providing support to ANAD for their incorporation of the RCCA program as an integral part of their overhaul process.

C.7.3.2. The Contractor will provide on-site technical support at ANAD to include technical advice, training, documentation (Build Sheets, eMOTs), and troubleshooting/fault analysis. The Contractor will also develop and maintain the Fact Based Maintenance database, review tooling requirements, review test cell rejects and participate in the RCCA process. The Contractor will also assist ANAD in developing improved disassembly, inspection, repair, assembly, test and final engine acceptance/dress work instructions in support of RCCA investigations and Six Sigma/Lean activities.

C.8. DURABILITY IMPROVEMENTS

C.8.1. The Contractor shall define, develop and implement product and process improvements to improve the durability of the TIGER fleet to a Mean Time between Depot Return (MTBDR) of 1400 hours by end of Program Year 3.

C.8.2. The Net impact of all Engineering Change Proposals associated with this effort shall not increase fuel consumption or otherwise degrade performance for a Standard Mission Profile from the baseline Service Life Extension (SLE) National Maintenance Work Requirements (NMWR) Standard Engine Requirements.

C.8.3. The Contractor shall support, at a minimum, ANAD quarterly investigations of potential durability improvements that are revealed during the disassembly process.

C.8.3.1 The Contractor shall perform engineering failure analysis of engine and component field failures as necessary to identify

opportunities for durability improvement and Operations & Support cost reduction.

C.8.4. Substantiation of New Designs, Processes and Sources of Supply

C.8.4.1. The Contractor shall be responsible for the development of substantiation, validation and qualification testing required to release product/process improvements. This shall include material physical and functional tests and inspections of new or revised overhaul process, product designs, or new sources of supply as required to meet design criteria. Tests and inspection may be performed at Contractor, supplier, or ANAD facilities.

C.8.5. Durability Reporting

C.8.5.1. The Contractor shall monitor and update the Government on the durability and reliability status of the AGT1500 fleet. The Contractor shall provide quarterly status during the scheduled In Process Reviews (IPRs) in accordance with CDRL A001 and updated into the Government provided TIGER website.

C.8.6. Testing

C.8.6.1. The Contractor shall develop a comprehensive test plan for this program to include lab testing, part and component testing, complete engine testing and support to vehicle testing in accordance with CDRL A0015. The Contractor shall establish a test plan to qualify design improvements on a block change basis that occur during the course of the program. The Contractor will submit an engine test plan for 25 hour, 50 hour, 361 Hour Mission Profile Test and 500 hour endurance testing in Contractor format Test Reports will be done in accordance with CDRL A016.

C.8.6.2. The Contractor shall conduct engineering development and durability testing at the complete engine assembly level as required by the test plan. Government furnished engines or used parts accountable to the current Honeywell AGT1500 Engine System Technical Support contract DAAE07-96-C-A002 shall be used for this purpose. The Contractor shall consolidate as many redesigned components as possible into each engine test to reduce overall program test cost.

C.8.6.3. The Contractor shall conduct other engineering development testing at the component or subassembly level and laboratory testing as required to support this program.

C.8.6.4. The Contractor shall support four (4) Government Vehicle Durability Tests and two (2) Abrams Product Improvement Vehicle Tests (APIVT). Durability improvements will be scheduled for APIVT and Durability Tests with the concurrence of the Government a minimum of 90 days prior to engine deliveries. Overall schedule for this effort is included as Attachment 0001 (TIGER ENGINE Test Schedule, rev 9/1/05).

C.8.6.5 The Government shall be responsible for providing hardware for these six (6) operational/serviceable engines, spare parts and repairs associated with all vehicle testing. The Contractor shall upgrade the engines as needed to incorporate available product improvements. The Contractor will upgrade two (2) engines (Engines 2 and 5 as indicated in the schedule) for APIVT Testing and be responsible for subsequent scheduled upgrades and refurbishment. The Contractor shall also upgrade four (4) engines (Engines 6, 7, 8, and 9) to the most current TIGER configuration as indicated in the schedule, and provide them for the Government Vehicle Durability Test. The Contractor shall provide Field Service Engineers FSE support and repair parts (TIGER Field Repair Site Inventory List see Attachment 0003) per C.6.10.1 for TIGER unique field repairs during vehicle durability testing.

C.8.6.6. The Contractor shall perform engine and component level testing as required to support failure analysis and root cause corrective action investigations of systemic field failures.

C.8.7. Durability Testing. _(For Program Year Two as described in the CLIN structure)

C.8.7.1. In order to verify that the TIGER program has achieved initial durability improvements, a vehicle durability test will be conducted in accordance with the TIGER Engine Durability test plan (Attachment 0001).\~This test will consist of operating four (4) M1 Abrams tanks to the standard M1 Abrams OPTEMPO/OPMODE.\~ The four (4) engines for the Durability test will be randomly selected from the ANAD TIGER production line. The contractor will be allowed to update the engines with last minute durability changes, as authorized by the Government, on a case by case basis. The contractor will be able to baseline test the engines prior to shipment to the test site. Each engine will be operated for 1,400 hours or until engine durability failure.\~ A durability failure is defined as a failure that requires return of the engine to the depot for repair. The Contractor shall provide full logistic support for any upgraded TIGER parts.\~ Special sensors and test equipment shall be provided under this contract by the Contractor with Government concurrence.\~ The Contractor shall provide on-call FSE support and failure analysis for the engines. Note that during Durability Testing, FSE FSR authorized field repairs will not be charged against the engines measured Mean Time between Depot Repair (MTBDR)

C.8.8 APIVT Testing

C.8.8.1. The APIVT Testing consists of 6,000 miles of operation using the standard M1 Abrams OPMODE.\~ The Contractor shall upgrade two (2) Government provided engines with available product improvements for APIVT Testing as defined in the TIGER Engine Test Schedule (Attachment 0001, rev 7/27/05). Subsequent upgrades/refurbishment of these engines will reflect the latest available 1400 hour BOM

improvements and be accomplished by the Contractor. TIGER FSEs will provide repairs as needed to support the APIVT Testing.

C.9. FACT BASED MAINTENANCE (FBM)

C.9.1. The Contractor shall implement and update the approved TIGER Fact Based Maintenance (FBM) Plan in accordance with CDRL A017. The Fact Based Maintenance Team shall recommend and implement improvements to the AGT1500 sustainment maintenance process to achieve the best balance between cost and durability.

C.9.2. Data Collection

C.9.2.1. The Contractor shall collect data loaded by the Contractor and Government personnel from the fielded TIGER engines, operational bases, and the depot. Depot data shall include birth records, engine hours (when device is available), incoming inspection, disassembly analysis, traceability, build configuration and final acceptance results. The Contractor shall provide this data in an electronic format accessible to the Government.

C.9.2.2. The Contractor will identify the equipment needed for the data collectors and provide necessary data transmittal equipment to Contractor personnel.

C.9.3. Data Analysis

C.9.3.1. The Contractor will utilize best commercial processes for analysis of data. Some of the processes that will be conducted include identifying components that drive field maintainability and durability, manipulating data to interpret diagnostics and prognostic outputs, providing FBM decision support to depot and identifying the potential improvements to overhaul and field support processes.

C.10. FIELD SERVICE ACTIVITIES

C.10.1. TIGER Repair Support Process:

C.10.1.1. The TIGER Team will establish a TIGER Field Repair Site at agreed upon locations listed to perform depot level repairs to all fielded AGT1500 engines (TIGER, SLE, etc.) regardless of warranty status or cause of the failure. Repairs will be limited to low risk tasks in accordance with TIGER Process Sheets or Technical Manual TM 9-2835-255-34. Engines will be repaired with spare parts from the TIGER Field Repair Site inventory. Any repairs performed at the TIGER Field Repair Site that are authorized 63A maintenance tasks IAW Maintenance Advisory Message 03-005 and maintenance tasks authorized in the applicable 20 level maintenance manual will require replacement parts provided by the units Authorized Stockage Level (ASL)/Prescribed Load List (PPL) inventories. Additional repairs beyond the scope of the aforementioned technical manual may also be performed to develop repair strategies for the long-term follow-on TIGER program.

C.10.1.2. When an engine experiences a failure, unit level maintenance will diagnose the engine in accordance with Technical Manual series TM9-2350-388/264 (annotate on DA Form 5988E). They will then perform authorized 63A maintenance tasks IAW Maintenance Advisory Message 03-005 and maintenance tasks authorized in the applicable 20 level maintenance manual in order to repair the engine.

C.10.1.3. Any organizational maintenance action performed on the TIGER overhauled engines must be reported to the TIGER Field Service Engineer (FSE) at the earliest opportunity for data collection purposes. If the problem is beyond the capability of the 63A's authorized maintenance tasks the unit level maintenance section will contact the responsible TIGER FSE of the incident and will provide a properly filled out DA Form 5990E (job order) upon FSE arrival.

C.10.1.4. Following evaluation of the engine, the FSE will determine whether the engine can be repaired in place, evacuated to the local TIGER repair activity or evacuated to depot. The TIGER FSE will also determine current warranty status and preliminary cause of failure. Failures as a result of operator error, improper or unauthorized maintenance, mishandling, abuse, battle damage, water ingestion, Foreign Object Damage (FOD), fire, or other conditions expressly excluded by the warranty will be reported by the FSE to the warranty adjudication board located at ANAD.

C.10.1.5. If an engine requires evacuation to depot. The unserviceable engine will be shipped to the Anniston Army Depot and inducted into the fact based maintenance overhaul process. Engines that can be repaired within the scope of the TIGER repair activity regardless of cause will be repaired using spare parts from TIGER repair activity inventory. This inventory of parts is intended for task specific repairs only and includes internal engine parts and consumable supplies the unit is no longer authorized to procure. Any repairs performed at the TIGER repair activity that are authorized 63A maintenance tasks IAW Maintenance Advisory Message 03-005 and maintenance tasks authorized in the applicable 20 level maintenance manual will require replacement parts provided by the units ASL/PLL inventories.

C.10.2. TIGER Field Repair Site

C.10.2.1. The Government will provide the Contractor with Facilities at each TIGER field repair site to include a shop with a minimum of two maintenance bays, 6-ton minimum overhead lift per supported division, secure parts/tool storage area, shop air, solvent tank/parts washer, running water, oil/water separator drain sump, work benches, cabinets, lighting and electricity. The Government will

provide a Ground Hop Support Set (GHSS), power pack maintenance stand, slave power pack and engine module stands including the servicing and maintenance labor ensuring serviceability. The Government will also provide access to a shared forklift and Petroleum, Oils and Lubricants) (POL) to support the TIGER repair sites. The Contractor will coordinate with TACOM and PM Abrams to requisition surplus AGT1500 engine module stands, special tooling, fixtures and support equipment from the Army-wide DS-Plus closeout program if available. The Contractor will collaborate with the Field Site to identify and requisition adequate government owned office space for use by the FSE. The office space will include the necessary infrastructure to support office activities, phone, fax, Internet connection, sanitary facilities, heating, ventilation, and air conditioning.

C.10.2.2. The Contractor and ANAD will develop TIGER Field Repair Sites to provide services and supplies to support the successful accomplishment of TIGER objectives for fielded AGT1500 engines issued from ANAD. Each TIGER Team will consist of, at a minimum, one Contractor Field Service Engineer (FSE) and one ANAD FSE. The FSEs will be provided and forward located at the TIGER Field Repair Sites equipped with Abrams vehicles for technical support, data collection, user training, troubleshooting trend analysis and approved engine repairs. The TIGER Field Repair Sites will be located at FT Hood, FT Knox, FT Riley, FT Carson, Ft Stewart, National Training Center, Camp Casey (Korea), Camp Arifjan, Kuwait and FT Bliss. There will also be a TIGER FSE at the Joint Systems Manufacturing Center (Lima) to support the AIM, RESET and SEP production lines.

C.10.2.3 The Contractor shall provide ten (10) sets of DS Plus Phase I tooling to support the TIGER Field Repair Sites. Refer to Attachment 0004 for inventory list of Phase I tooling. The contractor shall provide repair and replacement services in support of the tool inventory to insure completeness and serviceability. The tooling inventory will be co-located at the Field repair site in a secured storage area. The Contractor shall be responsible for shipment of tooling requiring repairs and/or replacement to and from the TIGER Field Repair Site. Government will provide all DS Plus Phase 2 tooling (5180-01-418-5790) for each TIGER Field Repair Site and provide repair and replacement services of the Phase 2 tooling.

C.10.3. Field Service Engineer (FSE) Responsibilities:

C.10.3.1. The FSEs will track all AGT1500 engines in their area of responsibility. Engine maintenance activity, usage history, health monitoring and fleet status will be documented and reported through the Fact Based Maintenance centralized TIGER database. Monthly field service, performance, durability status report and discrepancy reports shall be generated and submitted via electronic media to the TIGER Field Team with copies submitted to the Government in accordance with CDRL A019. The Contractor shall also provide technical assistance and formal/informal training to crew and organizational level activities on an as required basis. The FSEs will continually evaluate all technical aspects of the engine to preclude No Evidence Of Failure (NEOF) depot returns, identify opportunities for improvement, trends, cost savings, etc. Each individual site shall have a site specific Government -Memorandum of Agreement (MOA) documenting the support process.

C.10.3.2. The Field Service Engineer (FSE) performing under this Contract, shall be under the supervision, direction and control of the Contractor. The FSE shall not be under the supervision, direction or control of a Federal officer; Military or civilian. He shall not be placed in command, supervision, administration or control over Department of the Army military or civilian personnel or of other Government Contractors.
C.10.3.3. The Contractor, or his service representative, shall not accept any instructions or direction issued by any person employed by the Government or otherwise, other than the Contracting Officer or the Contracting Officers Technical Representative (COTR).
C.10.3.4. No other information, other than that which may be contained in a modification to this Contract duly issued by the Contracting Officer, which may be received from any person employed by the US Government or otherwise, will be considered as grounds for deviation from any stipulation of this Contract.

C.10.3.5. The Government will furnish a working space, including a desk, chair and telephone, high speed internet connection, for use by the Contractor service representative. Administrative support, (typing, filing, general clerical, reproduction, etc.) for the FSE will not be provided by the Government. The service representative will ensure that his designated area is neatly maintained at all times.

C.10.4. Joint Systems Manufacturing Center (JSMC) Lima FSE Responsibilities:

C.10.4.1. The JSMC Lima FSE shall establish a TIGER Production Repair shop at JSMC to perform limited depot level repairs to the AGT1500 to preclude evacuation to ANAD. The FSE will also troubleshoot, diagnose and repair faults on AGT1500 engines for use in the Abrams tanks and derivative vehicles. Once a vehicle or power-pack problem has been fault isolated to the AGT1500 engine system by JSMC personnel, the FSE shall be available to inspect and initiate procedures to identify and possibly correct the reported engine system problem before the power-pack is removed. If the problem cannot be isolated with the power-pack installed, or the problem has been identified but cannot be repaired while in the installed condition, JSMC will remove the power-pack and initiate temporary power-pack connections (ground hop) that facilitate operation of the uninstalled power-pack. The FSE shall then re-inspect and initiate procedures to possibly correct the reported engine system problem. The JSMC personnel, with the FSE present, will verify that the deficiency has been repaired via the ground hop prior to re-installation of the power-pack by JSMC personnel.

C.10.4.2. If the fault cannot be isolated or repaired with the engine in the power-pack configuration, the engine will be removed from the transmission and ancillary power-pack components by JSMC personnel and inducted into the TIGER Production repair shop. The FSE will evaluate the engine by disassembly inspection to determine if repairs can be performed at the TIGER Production repair shop. If low risk repairs are performed within the repair shop capabilities in accordance with TIGER Process Sheets or Technical Manual TM 9-2835-255-34

the engine will be returned to fully serviceable condition and returned to the JSMC production line for immediate use. If internal investigation of the discrepant engine by the FSE reveals the engine cannot be repaired in the TIGER Production repair shop, the FSE shall make a recommendation to the TIGER Team to evacuate the engine back to ANAD for failure analysis and repair. The FSE will notify JSMC of the engine status and JSMC will re-containerize the engine and expedite shipment to ANAD.

C.10.4.3. The FSE shall provide full time support for the AGT1500 engines in the Abrams tanks and derivative vehicle production lines at JSMC including the following:

C.10.4.3.1. Attend monthly production, M1A2 Program Support Team, and Technical Representative meetings applicable to the Abrams Tanks and derivative vehicle production efforts at JSMC. The FSE shall be an active participant in order to provide technical advice and recommendations to PM Combat Systems, ANAD and DCMA Lima. Informal briefings during the monthly meetings mentioned above will be provided to PM Combat Systems, DCMA Lima and ANAD representatives.

C.10.4.3.2. Perform testing and collect and evaluate engine data as required. Provide data to the fact based maintenance team in order to recommend short term and long term corrective actions. Corrective action recommendations shall be forwarded quarterly to the TIGER Team via electronic correspondence with a courtesy copy (cc) sent to the Assistant Program Manager, Abrams Power-train and to the Program Integrator at DCMA Lima in contractor format.

C.10.4.3.3. Monthly field service, performance and discrepancy reports shall be generated and submitted via electronic media to the TIGER Field Team with copies submitted to the APM, Abrams Power-train and to the Program Integrator at Lima. These reports will not require any additional approvals prior to release by the quality representative and will be submitted in contractor format in accordance with CDRL A018.

C.10.4.4. The Field Service Engineer (FSE) performing under this Contract shall be under the supervision, direction and control of the Contractor. The FSE shall not be under the supervision, direction or control of a Federal officer; Military or civilian. He shall not be placed in command, supervision, administration or control over Department of the Army military or civilian personnel or of other Government Contractors.

C.10.4.5. The Contractor, or his service representative, shall not accept any instructions or direction issued by any person employed by the US Government or otherwise, other than the Contracting Officer or the Contracting Officer Representative (COR).

C.10.4.6. No other information, other than that which may be contained in a modification to this Contract duly issued by the Contracting Officer, which may be received from any person employed by the US Government or otherwise, will be considered as grounds for deviation from any stipulation of this Contract.

C.10.4.7. The Government will furnish a working space, including a desk, chair and telephone, for use by the Contractor service representative. Administrative support, (typing, filing, general clerical, reproduction, etc.) for the FSE will not be provided by the Government. The service representative will ensure that his designated area is neatly maintained at all times.

C.10.5. FSE Coverage Plan

C.10.5.1. The Contractor will provide backup coverage for an FSE when he is expected to be away from his assigned site for an extended time period; typically one week or more. Another FSE will travel to the site to provide continual coverage, unless the site commander waives the coverage during periods of low site activity.

C.11. SYSTEM TECHNICAL SUPPORT

C.11.1. The contractor shall provide System Technical Support (STS) program management, engineering, logistics, quality and configuration management services, for the Abrams family of vehicles, that is beyond the work effort required elsewhere in this document,as directed by the Contracting Officer on a level of effort basis. \~The Contractor shall furnish the supplies and services necessary to accomplish the engineering and related technical support for the AGT1500 Turbine Engine in accordance with the requirements described in the approved Request for Engineering Services (RES) or Engineering Work Directives (EWD).\~ No work shall be performed outside of the labor hour and material dollar limits set forth in the RES and EWD submitted and approved under the STS CLIN.\~ As necessary in the performance of the foregoing, and as more specifically defined in Request for Services or Engineering Work Directive, the Contractor shall:

C.11.1.1. Prepare calculations, layouts, drawings, sketches, schematics, charts and other visual depictions, and purchase descriptions, and recommend engineering change proposals for current and future production versions of the contract item and modifications thereto.

C.11.1.2. When requested, prepare cost estimates for engineering design effort, prototype costs, testing effort and technical data package adequate for competitive procurement. In addition, when directed by the technical representative, prepare engineering cost estimates for the design item based on procurement quantities specified.

C.11.2 Contract Work Breakdown Structure (CWBS):

The Work Directives will serve as the CWBS framework for contract planning, budgeting and reporting status of Cost and Schedule to the Government for this CLIN in accordance with CDRL A020.

C.11.3 Work Directives (WDs) (Task and Control):

C.11.3.1 The Contractor shall prepare WDs and submit them to the Contracting Officer through the COR for approval in accordance with CDRL A021. Active WDs can be canceled at any time by the Contracting Officer. The Contracting Officer shall notify the Contractor in writing the reason(s) for canceled WDs. The Contracting Officer shall establish priorities for Contractor performance on WDs and shall periodically review with the Contractor the priorities and ranking within priorities on all active WDs.

C.11.3.2. WDs shall not be submitted for projects for which any portion has been previously submitted in a WD and disapproved during the last ninety (90) day period, unless the Contractor is specifically requested to do so by the Government.

C.11.3.3. Duplication of work covered by a previous WD shall be sufficient basis for disapproval of proposed WDs.

C.11.3.4. The Contractor shall redirect all work on any and/or all WDs when so directed in writing by the Contracting Officer within the available funding limits under this CLIN.

C.11.3.5. The Contracting Officer may request the Contractor, during the term of this contract, to submit a WD to accomplish tasks related to support STS issues and provisions of this contract. The Contractor shall inform the Contracting Officer, in writing, of any impact that this request may have in terms of cost, schedule, redirection or delay of current or planned work within the time frame of this contract.

C.11.3.6. If it becomes necessary to make any addition, deletion or revision to a WD, a supplemental WD shall be prepared. The supplemental WD denoting the addition, deletion or revision, shall be complete within itself and shall be assigned the original WD number with a numeric suffix to denote the revision.

C.11.4. Government Furnished Material (GFM) for the TIGER Program

C.11.4.1 The Contractor shall inspect Government Furnished Material (GFM) on a sample basis to verify conformity to drawing requirements, select the parts to be inspected, manage the inspection process, determine usability and provide inspection results to the government. The government shall requisition, package and ship the selected sample parts to the source designated by the Contractor and provide for return shipment to the government source of origin.

C.11.5. Additional AGT 1500 Engine Related Support

C.11.5.1. The Contractor if directed under separate WDs shall provide technical assistance to the ANAD facility and the field community when requested to address unique AGT 1500 engine concerns not directly related to the TIGER Program to include but not limited to: support of power-train improvements initiated outside of the TIGER program; support to Allison Transmission Division for Transmission Test Cell Testing; support to ANAD to assess information systems interface requirements with TIGER systems.

C.11.6. TIGER Technology Insertion:

C.11.6.1. The Contractor if directed under separate WDs shall provide development of Technology Insertion projects for the AGT1500 engine which will yield longer term improvements in terms of life, cost of ownership and performance. The Contractor will provide detailed technical and financial analysis of new technology insertions to ensure that the desired long term effects are justified. The specific cost/benefit/risk justified technology insertions would be separately funded.

C.11.7. Support to ANAD Manufacturing issues related to TIGER Start-up

C.11.7.1. The Contractor if directed under separate WDs shall provide technical assistance to the ANAD facility and the field community when requested to address unique concerns directly related to but out of scope of the TIGER program to include but not limited to: technical and logistics support of TIGER program start-up issues with information systems (incompatibility, security, database and computer performance issues); technical and logistics support to ANAD for unknown GFM support services (quality, quantity and availability of GFM); and technical and logistics support to TIGER Field Repair Sites for unknown OPTEMPO and deployment requirements.

C.12. CONTRACTOR MANPOWER REPORTING (CMR)

C.12.1. The Office of the Assistant Secretary of the Army (Manpower & Reserve Affairs) operates and maintains a secure Army data collection site where the Contractor will report ALL Contractor manpower (including subcontractor manpower) required for performance of this contract. The Contractor is required to completely fill in all the information in the format using the following web address: https://contractormanpower.army.pentagon.mil. The required information includes:

(1) Contracting Office, Contracting Officer, Contracting Officer's Technical Representative;

(2) Contract number, including task and delivery order number;
(3) Beginning and ending dates covered by reporting period;
(4) Contractor name, address, phone number, e-mail address, identity of Contractor employee entering data;
(5) Estimated direct labor hours (including sub-contractors);
(6) Estimated direct labor dollars paid this reporting period (including sub- contractors);
(7) Total payments (including sub-contractors);
(8) Predominant Federal Service Code (FSC) reflecting services provided by Contractor (and separate predominant FSC for each sub-contractor if different);
(9) Estimated data collection cost;
(10) Organizational title associated with the Unit Identification Code (UIC) for the Army Requiring Activity (the Army Requiring Activity is responsible for providing the Contractor with its UIC for the purposes of reporting this information);
(11) Locations where Contractor and sub-contractors perform the work (specified by zip code in the United States and nearest city, country, when in an overseas location, using standardized nomenclature provided on website);
(12) Presence of deployment or contingency contract language; and
(13) Number of Contractor, and sub-contractor employees deployed in theater this reporting period (by country).

C.12.2. As part of its submission, the Contractor will also provide the estimated total cost (if any) incurred to comply with this reporting requirement. Reporting period will be the period of performance not to exceed 12 months ending September 30 of each government fiscal year and must be reported by 31 October of each calendar year. Contractors may use a direct XML data transfer to the database server or fill in the fields on the website. The XML direct transfer is a format for transferring files from a Contractor's systems to the secure web site without the need for separate data entries for each required data element at the web site. The specific formats for the XML direct transfer may be downloaded from the web site.

C.12.3. In accordance with instructions and clarifications as of July 19, 2005 contained on the Army's Contractor Manpower Reporting website as referenced in paragraph C.12.1, this labor reporting requirement does not include labor hours expended in manufacturing supplies or hardware; only labor hours expended in the performance of services provided for this contract will be reported.

*** END OF NARRATIVE C0003 ***

SECTION G - CONTRACT ADMINISTRATION DATA

LINE ITEM	PRON/ AMS CD/ MIPR	ACRN	OBLG STAT/ JOB ORD NO	PRIOR AMOUNT	INCREASE/DECREASE AMOUNT	CUMULATIVE AMOUNT
0017AA	476PTM0247 31206406012 A16P30122R47	AB	1 6GAAPM	$ 8,623,137.39	$ -155,352.00	$ 8,467,785.39
0017AM	476PTM0247 31206406012 A16P30122R47	AB	1 6GAAPM	$ 112,510.00	$ 155,352.00	$ 267,862.00
				NET CHANGE	$ 0.00	

SERVICE NAME	NET CHANGE BY ACRN	ACCOUNTING CLASSIFICATION		ACCOUNTING STATION	INCREASE/DECREASE AMOUNT
Army	AB	21 62033000065R5R02P31206431E9	S20113	W56HZV	$ 0.00
				NET CHANGE	$ 0.00

	PRIOR AMOUNT OF AWARD	INCREASE/DECREASE AMOUNT	CUMULATIVE OBLIG AMT
NET CHANGE FOR AWARD:	$ 773,173,696.92	$ 0.00	$ 773,173,696.92

ACRN	EDI ACCOUNTING CLASSIFICATION					
AB	21	060820330000	S20113	65R5R023120640601231E9	6GAAPMS20113	W56HZV